



PATENT

-1-

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	Group Art Unit: 2731
PARANTHAMAN NARENDRAN	)	Examiner:
Application No. 09/627,486	)	Transmittal Of Verified
Filed: July 28, 2000	)	Statement (Declaration)
For: SYSTEM AND METHOD FOR REAL-	)	Claiming Small Entity
TIME BUYING AND SELLING OF	)	Status (37 CFR 1.9(f)
BANDWIDTH AT DIFFERENTIATED)	)	And 1.27(c) Small
QUALITY OF SERVICE LEVELS,	)	Business
ROUTING OF EXCESS TRAFFIC	)	2001 Ferry Building
OVER THE BANDWIDTH	)	San Francisco, CA 94111
PURCHASED IN REAL TIME, AND)	)	(415) 433-4150
BILLING AND SETTLEMENT OF)	
THE TRANSACTIONS)	

Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on October 2, 2000.

LIMBACH & LIMBACH L.L.P.

Date: October 2, 2000

By: Norma E. Gillespie
Name: Norma E. Gillespie

Sir:

Enclosed for filing in the above-identified patent application is a Verified Statement (Declaration) Claiming Small Entity Status (37 CFR 1.9(f) And 1.27(c) Small Business.

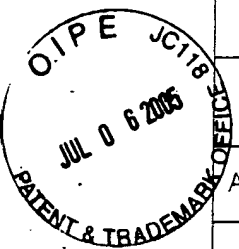
Respectfully submitted,
LIMBACH & LIMBACH L.L.P.

Dated: 10-2-00

By: Mark C. Pickering
Mark C. Pickering
Reg. No. 36,239

Attorneys for Applicant(s)

Atty Docket No. PANA-1000



VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) AND 1.27(c)) SMALL BUSINESS			Docket No. PANA-1000-(US)
Serial No. 09/627,486	Filing Date July 28, 2000	Patent No.	Issue Date
Applicant/Patentee: Paranthaman Narendran			
Invention: SYSTEM AND METHOD FOR REAL-TIME BUYING AND SELLING OF BANDWIDTH AT DIFFERENTIATED QUALITY OF SERVICE LEVELS, ROUTING OF EXCESS TRAFFIC OVER THE BANDWIDTH PURCHASED IN REAL TIME, AND BILLING AND SETTLEMENT OF THE TRANSACTIONS			
<p>I hereby declare that I am:</p> <p><input type="checkbox"/> the owner of the small business concern identified below:</p> <p><input checked="" type="checkbox"/> an official of the small business concern empowered to act on behalf of the concern identified below:</p> <p>NAME OF CONCERN: BOON CONSULTING (UK) LTD.</p> <p>ADDRESS OF CONCERN: 110 Deans Lane Edgware London HA8 9NR UNITED KINGDOM</p> <p>I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.</p> <p>I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the above-identified invention described in:</p> <p><input type="checkbox"/> the specification filed herewith with title as listed above.</p> <p><input checked="" type="checkbox"/> the application identified above.</p> <p><input type="checkbox"/> the patent identified above.</p> <p>If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed on the next page and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).</p>			

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

☒ No such person, concern or organization exists.

☐ Each such person, concern or organization is listed below.

FULL NAME: _____

ADDRESS: _____

☐ Individual

☐ Small Business Concern

☐ Nonprofit Organization

FULL NAME: _____

ADDRESS: _____

☐ Individual

☐ Small Business Concern

☐ Nonprofit Organization

FULL NAME: _____

ADDRESS: _____

☐ Individual

☐ Small Business Concern

☐ Nonprofit Organization

Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as a small entity (37 CFR 1.27).

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: Paranthaman Narendran

TITLE OF PERSON SIGNING
OTHER THAN OWNER:

Director

ADDRESS OF PERSON SIGNING: 110 Deans Lane
Edgware
London HA8 9NR
United Kingdom

SIGNATURE: _____



DATE: _____

18th Sept 2000

NAME OF INVENTOR: Paranthaman Narendran

SIGNATURE OF INVENTOR: 

DATE: 15th Sept 2000

NAME OF INVENTOR: _____

SIGNATURE OF INVENTOR: _____

DATE: _____

NAME OF INVENTOR: _____

SIGNATURE OF INVENTOR: _____

DATE: _____

NAME OF INVENTOR: _____

SIGNATURE OF INVENTOR: _____

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DATE: _____

NAME OF INVENTOR: _____

SIGNATURE OF INVENTOR: _____

DATE: _____

NAME OF INVENTOR: _____

SIGNATURE OF INVENTOR: _____

DATE: _____

PATENT

ASSIGNMENT

In consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Boon Consulting (UK) Ltd.**, the undersigned Assignor(s), believing to be the current Assignee(s) of any and all new and useful improvements disclosed in the application for a United States patent entitled

**SYSTEM AND METHOD FOR REAL-TIME BUYING AND SELLING OF INTERNET
PROTOCOL (IP) TRANSIT**

hereby sell, assign, and transfer to **Tactical Networks a.s.** a Czech Partnership, having a principal place of business at **Husitská 63, 130 00 Praha 3, Czech Republic** ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the same patent application which was filed with the United States Patent and Trademark Office on July 28, 2000, and assigned Application Number 09/627,486.

A Statement under 37 C.F.R. § 3.73(b) accompanies, and is a part of, this Assignment.

The undersigned further sell, assign, and transfer to Assignee said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

The undersigned further agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements

P.N

and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives.

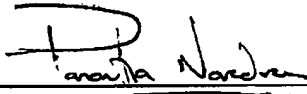
The undersigned covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned hereby authorize and request the Officials of the United States Patent and Trademark Office and any and all foreign Patent Offices to issue any and all Letters Patents, when granted, to said Assignee as the assignee of the entire right, title and interest in and to the same, for the sole use of said Assignee, its successors and assigns, to the full end of the term for which said Letters Patents may be granted.

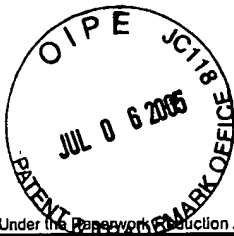
The undersigned hereby grant to the practitioners at Customer Number 30554, the Customer Number of Shemwell Gregory & Courtney LLP, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

Each Inventor/Assignor: Please Sign and Date Below:

5/7/2005
Date


Name: Paranthaman Narendran
For Boon Consulting (UK) Ltd.

Title: DIRECTOR



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Paranthaman Narendran

Application No./Patent No.: 09/627,486 Filed/Issue Date: 07/28/2000

Entitled: SYSTEM AND METHOD FOR REAL-TIME BUYING AND SELLING OF INTERNET PROTOCOL (IP) TRANSIT

Boon Consulting (UK) Ltd., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014719, Frame 0766, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

5/7/2005
Date

420 602 639 734
Telephone number

Paranthaman Narendran

Typed or printed name

[Signature]
Signature

DIRECTOR

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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JUNE 12, 2004

PTAS

SHEMWELL GREGORY & COURTNEY LLP
 BARBARA B. COURTNEY
 4880 STEVENS CREEK BLVD.
 SUITE 201
 SAN JOSE, CA 95129

UNITED STATES PATENT AND TRADEMARK OFFICE
 NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/10/2004

REEL/FRAME: 014719/0766
 NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

NARENDRAN, PARANTHAMAN

DOC DATE: 09/15/2000

ASSIGNEE:

BOON CONSULTING (UK) LTD.
 110 DEANS LANE, EDGWARE
 LONDON HA8 8NR, UNITED KINGDOM

SERIAL NUMBER: 09627486

FILING DATE: 07/28/2000

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR REAL-TIME BUYING AND SELLING OF BANDWIDTH AT DIFFERENTIATED QUALITY OF SERVICE LEVELS, ROUTING OF EXCESS TRAFFIC OVER THE BANDWIDTH PURCHASED IN REAL TIME, AND BILLING AND SETTLEMENT OF THE TRANSACTIONS

Rsd / Rpd 6-24-04